



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/695,867	10/26/2000	Masahiro Konishi	MAS.003	3192

21254 7590 02/11/2004

MCGINN & GIBB, PLLC
8321 OLD COURTHOUSE ROAD
SUITE 200
VIENNA, VA 22182-3817

EXAMINER

LE, LANA N

ART UNIT PAPER NUMBER

2685

DATE MAILED: 02/11/2004

16

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/695,867

Applicant(s)

KONISHI, MASAHIRO

Examiner

Lana Le

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-48 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12, 15, 17, 19-31, 35, 37-43, 45 and 47 is/are rejected.
- 7) ☒ Claim(s) 13-14, 16, 18, 32-34, 36, 44, 48 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

Applicant's arguments filed 11/24/03 have been fully considered but they are not persuasive.

The displayed data designated to be received by the user can be data the user chose from a menu such as which messages to read and more details pertaining to the message are displayed by a menu option the user presses on the keypad; or the designating data can be the user had picked through the user interface to receive from the host designated to be displayed on the user's display screen or the designated transmitting data could be text/messages entered by the user through the user keypad and saved through a menu option and later designated to be sent out to another mobile device.

Claim Objections

1. Claims 13-14, 36, and 48 are objected to because of the following informalities: Claims 13-14 recites the limitation "the second phone" in line 3, it should be "transmitting an image from the wireless phone to an apparatus" and not the second phone since the initial phone that's transmitting is the second phone. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 33-34 recites the limitation "the second phone" in line 4. There is insufficient antecedent basis for this limitation in the claim. The claims 33-34 should depend on claim 31 and "the second phone" should be "the second wireless phone". Appropriate corrections are required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which the subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3, 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Swartz et al (US 6,330,244) in view of Sashihara (US 6,434,405).

Regarding claim 1, Swartz et al discloses a wireless telephone 12A that receives data of at least one of an image and characters (to be viewed on a display screen) through a transmitting provider 14 (col 17, lines 55-57), the wireless telephone comprising:

an inherent detector for detecting the data received from the transmitting provider;

a display device which displays a menu for designating at least one of transmitting data and receiving data (col 8, lines 45-65, col 7, lines 33-58; col 10, lines 16-21);

a wireless communicating device 12A that communicates with the apparatus without the transmitting provider 14;

a designating device for designating the data for reception by the wireless telephone 12A from the transmitting provider (col 7, lines 44-65).

selectively designating an apparatus to which the received data is to be transmitted to the wireless communicating device transmits the data to the apparatus designated by the designating device (col 17, lines 54-67). Swartz et al didn't further disclose the transmission between the designated apparatus and the mobile unit is wireless.

Sashihara discloses the transmission between the designated apparatus and the mobile unit is wireless (abstract; col 4, lines 15-21). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have the wireless connection in order to avoid the inconvenience of using a cable/line connection.

Regarding claim 2, Sashihara and Swartz et al discloses the wireless telephone as set forth in claim 1, wherein the display displays received information on data of the at least one image and characters through the transmitting provider (col 7, line 33 - col 8, line 65; col 15, lines 29-51).

Regarding claim 3, Swartz et al further discloses the wireless telephone as set forth in claim 2, wherein the designating device allows the user to designate the data to be received from the information displayed by the displaying device (col 8, lines 45-65, col 10, lines 16-21).

Regarding claim 7, Swartz et al discloses a data transmission system, comprising:

a wireless telephone 12A that receives data of at least one of an image and characters (email) through a transmitting provider;

a designating device on the wireless telephone for designating the data for reception by the wireless telephone 12A using the mobile's IP address (col 7, lines 44-65).

selectively designating an apparatus to which the received data is to be transmitted

a display device on the wireless telephone for displaying information from the received data (col 7, lines 33-65); and displaying a designating address of the apparatus (such as the PC's id workstation number (col 17, lines 54-67); and displaying a menu for designating at least one of transmitting data and receiving data (col 8, lines 45-65, col 10, lines 16-21; col 7, lines 33-58);

a wireless communicating device 12A that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by the designating device (col 17, lines 54-67). Swartz et al didn't disclose the

Art Unit: 2685

communication with the apparatus is wireless communication. However, Sashihara discloses the communication from mobile 3 with the apparatus 5 is wireless communication (col 4, lines 15-21; abstract). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the connection of Swartz et al with the wireless communication in order to avoid the mess of cable connection to the mobile.

Regarding claim 8, Swartz further discloses the system of claim 7, wherein the wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone by redirecting the data to another device for storage (col 17, lines 54-65).

4. Claims 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sashihara (US 6,434,405) in view of Swartz et al (US 6,330,244).

Regarding claim 4, Sashihara discloses a data transmitting method for a wireless telephone 3, comprising:

detecting the data to be received from a transmitting provider (col 4, lines 15-18);

designating the data for reception by the wireless telephone (email addressed to the particular user) from the transmitting provider (col 4, lines 18-20);

receiving the data into the wireless phone from the transmitting provider, the data comprising at least one of an image and characters (email; col 4, lines 41-47) and communicating wirelessly with a peripheral apparatus (abstract, col 4, lines 15-21).

Sashihara didn't further disclose:

designating an apparatus to which the received data is to be transmitted; and

transmitting the data to the designated apparatus with a wireless communicating device that communicates with the apparatus without the transmitting provider.

displaying a menu for designating at least one of transmitting data and receiving data.

Swartz et al further discloses designating an apparatus to which the received data is to be transmitted; and transmitting the data to the designated apparatus with a wireless communicating device that communicates with the apparatus without the transmitting provider (col 17, lines 54-64); displaying a menu for designating at least one of transmitting data and receiving data (col 8, lines 45-65, col 10, lines 16-21).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to add the designating an apparatus to Sashihara in order to forward the data to another device from the wireless phone for viewing when the mobile does not have enough display or memory capabilities to of view the entire data file.

Regarding claim 5, Swartz et al further discloses the data transmitting method for the telephone as set forth in claim 4, further comprising the step of displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider (col 7, line 33 - col 8, line 65; col 15, lines 29-51).

Regarding claim 6, Swartz et al further discloses the data transmitting method for the telephone as set forth in claim 5, wherein: the displaying step comprises the step of displaying the received information allowing a user to designate the data to be received from the transmitting provider (col 7, lines 33-58; col 8, lines 12-65); and the data to be

Art Unit: 2685

received is designated from the received information to fit with the mobile phone's constraints (col 17, lines 54-62).

5. Claims 15, 17, 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alperovich (US 6,317,609) in view of Swartz et al (US 6,330,244) and further in view of Sashihara (US 6,434,405)

Regarding claim 15, Alperovich discloses transmitting data (digital image 355) from a first wireless telephone 20a to a second wireless telephone 20b through a transmitting provider 230 (fig. 4; col 5, lines 2-9);

detecting, on the second wireless telephone, the data to be received from the first wireless telephone when the image is detected and determined to be in a compatible format with the second mobile phone (col 6, lines 36-41);

displaying information from the detected data on a display on the second wireless telephone (col 6, lines 36-41, lines 52-64).

designating the data for reception by the second wireless telephone (col 4, lines 47-59); receiving the data into the second wireless telephone (col 6, lines 11-14).

However, Alperovich didn't further disclose:

designating an apparatus to which the received data is to be transmitted from the second wireless telephone; and

transmitting the designated data to the designated apparatus through a wireless connection device installed on the second wireless telephone; displaying a menu for designating at least one of transmitting data and receiving data.

Art Unit: 2685

Swartz et al discloses a method for transmitting data over a transmitting provider, comprising:

designating an apparatus to which the received data is to be transmitted from the second wireless telephone (col 17, lines 54-65); and

transmitting the designated data to the designated apparatus through a wireless connection device installed on the second wireless telephone (col 17, lines 54-65); and

displaying a menu for designating at least one of transmitting data and receiving data (col 8, lines 45-65, col 10, lines 16-21; col 7, lines 33-58).

Alperovich and Swartz et al didn't further disclose the communication with the apparatus is wireless communication. However, Sashihara discloses the communication from mobile 3 with the apparatus 5 is wireless communication (col 4, lines 15-21; abstract). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the connection of Swartz et al with the wireless communication in order to avoid the mess of cable connection to the mobile and to add the designating apparatus to Alperovich et al in order to transfer the image/data file to another peripheral device when the wireless phone doesn't have enough capacity to load the entire sent data.

Regarding claim 17, Alperovich further discloses the method of claim 15, wherein the displaying information from the received data on a display comprises displaying a received data file as one of an index image, a title, and a file name (fig. 4; col 5, lines 2-9);

Art Unit: 2685

Regarding claim 19, Swartz et al further discloses the method of claim 15, further comprising:

comparing the size of the data to be received into the second wireless telephone with memory capacity of the second telephone to determine if data can be stored on the telephone or must be outputted to an apparatus (col 17, lines 50-65).

Regarding claim 20, Swartz et al further discloses the method of claim 15, wherein the transmitting the designated data to the designated apparatus through a wireless connection device includes designating addresses of apparatuses to which the data is to be transmitted (ie. the PC's workstation id; col 17, lines 55-67).

6. Claims 9-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sashihara (US 6,434,405) in view of Swartz et al (US 6,330,244) and further in view of Alperovich (US 6,317,609).

Regarding claim 9, Sashihara and Swartz et al discloses the system of claim 7, wherein they didn't further disclose the system comprising:

a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider

Alperovich et al further discloses the system comprising:

a second wireless telephone 20b that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider (fig. 4). It would have been obvious to one of ordinary skill in the art at the time the invention was made

to add the second wireless phone in order to send the image/data to a friend's cell phone for him/her to view.

Regarding claim 10, Swartz et al further discloses the system of claim 9, wherein the second wireless telephone of Alperovich et al receives the data from a computer server and transmits the data to a peripheral device such as a PC without storing the entire data set on the second wireless telephone (col 17, lines 54-65).

Regarding claim 11, Sashihara and Swartz et al discloses the system of claim 7, wherein Sashihara and Swartz et al didn't specifically disclose a second telephone. Alperovich et al further discloses a second phone (fig. 4). Swartz et al discloses the system further comprising:

a central processing unit for controlling the telephone and for comparing the size of the data to be received into the wireless telephone with memory capacity of the second telephone of Alperovich et al to determine if data can be stored on the telephone or must be outputted to an apparatus (col 17, lines 50-65). It would have been obvious to one of ordinary skill in the art at the time the invention was made to determine if the data of the receiving phone of Alperovich et al is too large for the phone to load and therefore forward the data to another peripheral device on the second phone's side.

Regarding claim 12, Swartz et al further discloses the system of claim 11, wherein the central processing unit compares the size of the data to be received with memory capacity of the wireless telephone to determine if data can be stored on the telephone or must be outputted to the apparatus (col 17, lines 50-65).

7. Claims 21-30, 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pettersson (US 6,615,057) in view of Swartz et al (US 6,330,244).

Regarding claim 21, Pettersson discloses a wireless telephone 403c (fig. 5), comprising:

- a first wireless communication device for receiving data at 402 (fig. 4);

- a first transmitting and receiving circuit (inherent transceiver & 601) coupled to the first wireless communication device;

- a transmitting and receiving buffer 502 coupled to the first transmitting and receiving circuit for temporarily storing the data;

- a second transmitting and receiving circuit at 304 of fig. 5 (txceiver of fig. 4) coupled to the transmitting and receiving buffer 502; and

- a second wireless communication device 303b coupled to the second transmitting and receiving circuit for transmitting the data to a designated apparatus 403a,403b without a transmitting provider. Pettersson didn't further disclose transmitting the received data to another apparatus. Swartz et al discloses transmitting the received data to another apparatus (col 17, lines 62-65; col 10, lines 4-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to send the data to a designated apparatus in order to allow the mobile user to dictate where to send the data when the mobile user doesn't want to view or doesn't have enough space to view the data from the mobile phone itself.

Art Unit: 2685

Regarding claim 22, Pettersson and Swartz et al disclose the wireless telephone as set forth in claim 21, wherein Swartz disclose the wireless telephone further comprising:

a display device that displays a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider (col 7, line 33 - col 8, line 65; col 15, lines 29-51).

Regarding claim 23, Pettersson and Swartz et al disclose the wireless telephone as set forth in claim 22, wherein Swartz et al further disclose the wireless telephone comprising:

a designating device for designating the data for reception by the wireless telephone from the transmitting provider (col 7, lines 44-65), and for selectively designating an apparatus to which the receive data is to be transmitted (col 17, lines 54-67).

Regarding claim 24, Pettersson and Swartz et al disclose the wireless telephone as set forth in claim 22, wherein Swartz et al further discloses the display device displays the received information (col 17, line 28-61); and the designating device allows the user to designate the data to be received from the information displayed by the display device (col 8, lines 45-65, col 10, lines 16-21).

Regarding claim 25, Pettersson discloses a data transmitting method for a wireless telephone 403c (fig. 5), comprising:

Art Unit: 2685

receiving data via a first wireless communication device at 402 (fig. 4; col 8, lines 17-33); temporarily storing the data in a transmitting and receiving buffer 502; and transmitting the data to the designated apparatus without a transmitting provider via a second wireless communication device at 304 (figs. 3 & 5). Pettersson didn't further disclose transmitting the received data to another apparatus. Swartz et al discloses transmitting the data to another apparatus (col 17, lines 62-65; col 10, lines 4-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to send the data to a designated apparatus in order to allow the mobile user to dictate where to send the data when the mobile user doesn't want to view or doesn't have enough space to view the data from the mobile phone itself.

Regarding claim 26, Pettersson and Swartz et al disclose the data transmitting method for the wireless telephone as set forth in claim 25, wherein Swartz et al further disclose the telephone further comprising:

displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider (col 7, line 33 - col 8, line 65; col 15, lines 29-51); and

displaying a menu for designating the data for reception by the wireless telephone (col 8, lines 45-65; col 7, lines 33-58; col 10, lines 16-21);

Regarding claim 27, Pettersson and Swartz et al disclose the data transmitting method for the wireless telephone as set forth in claim 26, wherein Swartz et al further discloses the displaying comprises allowing a user to designate the data to be received from the transmitting provider (col 8, lines 45-65, col 10, lines 16-21).

Art Unit: 2685

Regarding claim 28, Pettersson and Swartz et al disclose the data transmitting method for the wireless telephone as set forth in claim 25, wherein Swartz et al further discloses the telephone further comprises: designating the data for reception by the wireless telephone from the transmitting provider (col 7, lines 44-65) and designating an apparatus to which the received data is to be transmitted (col 17, lines 54-67).

Regarding claim 29, Pettersson discloses a data transmission system (fig. 5), comprising:

- at least one wireless telephone 403c (fig. 5), comprising:

- a first wireless communication device for receiving data at 402 (fig. 4);

- a first transmitting and receiving circuit (inherent transceiver & 601) coupled to the first wireless communication device;

- a transmitting and receiving buffer 502 coupled to the first transmitting and receiving circuit for temporarily storing the data;

- a second transmitting and receiving circuit (txceiver of fig. 4) coupled to the transmitting and receiving buffer 502; and

- a second wireless communication device at 304 (fig. 5) coupled to the second transmitting and receiving circuit for transmitting the data to a designated apparatus 403a,403b without a transmitting provider. Pettersson didn't further disclose transmitting the received data to another apparatus. Swartz et al discloses transmitting the received data to another apparatus (col 17, lines 62-65; col 10, lines 4-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to send the data to a designated apparatus in order to allow the mobile user to dictate

Art Unit: 2685

where to send the data when the mobile user doesn't want to view or doesn't have enough space to view the data from the mobile phone itself.

Regarding claim 30, Pettersson and Swartz et al disclose the system of claim 29, wherein the wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone by redirecting the data to another device for storage (col 17, lines 54-65).

Regarding claim 35, Pettersson and Swartz et al disclose the system of claim 29, wherein Swartz et al further discloses the wireless telephone further comprises a display device for displaying a menu for designating the data for reception by the wireless telephone (col 8, lines 45-65; col 10, lines 16-21; col 7, lines 33-38) and displays received information on data of at least one of images and characters through the transmitting provider (col 4, lines 41-47).

8. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pettersson and Swartz et al as applied to claim 29 above, and further in view of Alperovich et al (US 6,317,609).

Regarding claim 31, Pettersson and Swartz et al disclose the system of claim 29, wherein they fail to further disclose the system comprising: a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider. Alperovich discloses a second wireless telephone 20b that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider (fig. 4). It would have been

Art Unit: 2685

obvious to one of ordinary skill in the art at the time the invention was made to add the second wireless phone in order to send the image/data to a friend's cell phone for him/her to view.

9. Claims 37-39, 40-43 and 47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Swartz et al in view of Mousseau et al (US 6,438,585).

Regarding claim 37, Swartz et al discloses a wireless telephone 12A, comprising: an inherent detector for detecting data received from a transmitting provider 14 (col 17, lines 55-57); a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted (col 7, lines 44-65); and a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by the designating device (col 17, lines 54-67).

Swartz et al didn't further disclose: a central processing unit which compares a size of the data to be received with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone and that the transmission between the designated apparatus and the mobile unit is wireless.

Mousseau et al further discloses a central processing unit inside mobile unit 214B which compares a size of the data to be received by reading the datagram information with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone (col 15, lines 60-65) and the transmission between the

Art Unit: 2685

obvious to one of ordinary skill in the art at the time the invention was made to add the second wireless phone in order to send the image/data to a friend's cell phone for him/her to view.

9. Claims 37-39, 40-43 and 47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Swartz et al in view of Mousseau et al (US 6,438,585).

Regarding claim 37, Swartz et al discloses a wireless telephone 12A, comprising: an inherent detector for detecting data received from a transmitting provider 14 (col 17, lines 55-57); a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted (col 7, lines 44-65); and a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by the designating device (col 17, lines 54-67).

Swartz et al didn't further disclose: a central processing unit which compares a size of the data to be received with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone and that the transmission between the designated apparatus and the mobile unit is wireless.

Mousseau et al further discloses a central processing unit inside mobile unit 214B which compares a size of the data to be received by reading the datagram information with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone (col 15, lines 60-65) and the transmission between the

Art Unit: 2685

designated apparatus and the mobile unit is wireless (col 15, lines 33-45). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have the mobile device's controller of Swartz et al compare a size of the data as in Mousseau et al in order to determine if the mobile is capable of handling the loading of the data otherwise an alternative way of redirection of the data via an infrared or wireless link for better convenience of not using cables and modem to one of the peripheral devices or attachment displayers of Mousseau et al, i.e. fax, printer needs to be executed to view the data.

Regarding claim 38, Swartz et al and Mousseau et al discloses the wireless telephone as set forth in claim 37, wherein Swartz et al further discloses the phone further comprising:

a display device that displays a menu for designating the data for reception by the wireless telephone (col 8, lines 45-65, col 10, lines 16-21; col 7, lines 33-58) and displays received information on data of at least one of images and characters through the transmitting provider (email; col 4, lines 41-47).

Regarding claim 39, Swartz et al and Mousseau et al discloses the wireless telephone as set forth in claim 38, wherein Swartz et al further discloses the display device displays the received information (col 17, line 28-61); and the designating device allows the user to designate the data to be received from the information displayed by the display device (col 8, lines 45-65, col 10, lines 16-21).

Regarding claim 40, Swartz et al discloses a data transmitting method for a wireless telephone 12A, comprising:

Art Unit: 2685

detecting data received from a transmitting provider (col 17, lines 55-57);

designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted (col 7, lines 44-65); and

transmitting the data to a designated apparatus without a transmitting provider (col 17, lines 54-67).

However Swartz didn't further disclose:

comparing a size of the data to be received with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone and the transmitting between the designated apparatus and the mobile unit is wirelessly.

Mousseau et al discloses comparing a size of the data to be received with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone (col 15, lines 60-65) and transmitting between the designated apparatus and the mobile unit wirelessly (col 15, lines 33-45). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have the mobile device's controller of Swartz et al compare a size of the data as in Mousseau et al in order to find out if the mobile is capable of handling the loading of the data otherwise an alternative way of redirection of the data via an infrared or wireless link for better convenience of not using cables and modem to one of the peripheral devices or attachment displayers of Mousseau et al, i.e. fax, printer will need to be executed to view the data.

Art Unit: 2685

Regarding claim 41, Swartz et al and Mousseau et al discloses the data transmitting method for the wireless telephone as set forth in claim 40, Swartz et al discloses the method further comprising:

displaying that the telephone has received information on data of the at least one of image and characters (email; col 4, lines 41-47) through the transmitting provider (col 8, lines 45-65, col 10, lines 16-21; col 7, lines 33-58) and displaying a menu for designating the data for reception by the wireless telephone (col 8, lines 45-65, col 10, lines 16-21; col 7, lines 33-58).

Regarding claim 42, Swartz et al and Mousseau et al disclose a data transmitting method for the wireless telephone as set forth in claim 40, wherein Swartz et al further discloses the displaying comprises allowing a user to designate the data to be received from the transmitting provider (col 8, line 45-65; col 10, line 16-21).

Regarding claim 43, Swartz et al discloses a data transmission system, comprising:

at least one wireless telephone 12A, comprising:

an inherent detector for detecting data received from a transmitting provider 14 (col 17, lines 55-57);

a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted (col 7, lines 44-65); and

a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by the designating device (col 17, lines 54-67).

Swartz et al didn't further disclose: a central processing unit which compares a size of the data to be received with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone and that the transmission between the designated apparatus and the mobile unit is wireless.

Mousseau et al discloses a central processing unit inside mobile unit 214B which compares a size of the data to be received by reading the datagram information with a memory capacity of the wireless telephone to determine if the data can be stored on the telephone (col 15, lines 60-65) and the transmission between the designated apparatus and the mobile unit is wireless (col 15, lines 33-45). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have the mobile device's controller of Swartz et al compare a size of the data as in Mousseau et al in order to determine if the mobile is capable of handling the loading of the data otherwise an alternative way of redirection of the data via an infrared or wireless link for better convenience of not using cables and modem to one of the peripheral devices or attachment displays of Mousseau et al, i.e. fax, printer needs to be executed to view the data.

Regarding claim 47, Pettersson and Swartz et al disclose the system of claim 43, wherein Swartz et al further discloses the wireless telephone further comprises a display device for displaying a menu for designating the data for reception by the

Art Unit: 2685

wireless telephone (col 8, lines 45-65; col 10, lines 16-21; col 7, lines 33-38) and displays received information on data of at least one of images and characters through the transmitting provider (col 4, lines 41-47).

10. Claim 45 is rejected under 35 U.S.C. 103(a) as being unpatentable over Swartz et al and Mousseau et al as applied to claim 43 above, and further in view of Alperovich et al (US 6,317,609).

Regarding claim 45, Swartz and Mousseau et al discloses the system of claim 43, wherein they fail to further disclose the system comprising: a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

Alperovich discloses a second wireless telephone 20b transmits the data into the wireless telephone through the transmitting provider (fig. 4). It would have been obvious to one of ordinary skill in the art at the time the invention was made to add the second wireless phone that load data from a PC in order to send the image/data to a friend's cell phone for him/her to view.

Allowable Subject Matter

Art Unit: 2685

11. Claims 16, 18, 32 and 44 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claim 16, Swartz et al, Alperovich et al, and Sashihara further discloses the method of claim 15, wherein the cited prior art didn't further disclose the receiving and transmitting the data with the second wireless telephone comprises receiving and transmitting a data file on the second wireless telephone without storing the entire data set on the second wireless telephone when the phone doesn't have enough space to load the data onto the screen.

Regarding claim 18, Alperovich et al, Sashihara, and Swartz et al discloses the method of claim 15, wherein Swartz et al further discloses displaying information from the detected area on a display includes displaying a menu having selections for a receive mode for indicating that data has been received.

The cited prior art didn't further disclose the menu further comprises selections for a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Regarding claim 32, Pettersson and Swartz et al disclose the system of claim 31, wherein the cited prior art didn't further disclose the second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

Regarding claim 44, Swartz and Mousseau et al discloses the system of claim 43, wherein the cited prior art didn't further disclose the wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone by redirecting the data to another device for storage (col 17, lines 54-65).

12. Claims 13-14, 36, 46 and 48 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form and overcome the minor informalities rejected above including all of the limitations of the base claim and any intervening claims.

Regarding claim 13, Sashihara and Swartz et al discloses the system of claim 7, wherein Swartz et al further discloses the display device includes a menu having selections for a receive mode for indicating that data has been received (col 8, lines 25-50), the cited prior art didn't further disclose the menu further comprises selections for a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Regarding claim 14, Sashihara and Swartz et al discloses the system of claim 7, wherein Swartz et al further discloses a menu comprises selections for a receive mode for indicating that data has been received (col 8, lines 53-65, col 5, lines 15-24); the cited prior art didn't further disclose the menu further comprises selections for a transmit image mode for transmitting an image from the second phone to an apparatus,

Art Unit: 2685

a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Regarding claim 36, Pettersson and Swartz et al discloses the system of claim 35, wherein Swartz et al further discloses the menu comprises selections for a receive mode for indicating that data has been received (col 8, lines 53-65, col 5, lines 15-24); Pettersson and Swartz et al didn't further disclose the menu comprises selections for a receive mail mode for receiving characters and a transmit mail mode for transmitting characters; transmit image mode for transmitting an image from a second phone to an apparatus.

Regarding claim 46, Swartz et al and Mousseau et al disclose the system of claim 45, wherein the cited prior art didn't further disclose the second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

Regarding claim 48, Mousseau and Swartz et al disclose the system of claim 47, wherein Swartz et al further discloses the menu comprises selections for a receive mode for indicating that data has been received (col 8, lines 53-65, col 5, lines 15-24); the cited prior art didn't further disclose the menu further comprises selections for a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Art Unit: 2685

8. Claims 33-34 would be allowable if rewritten but in independent form to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Regarding claim 33, Pettersson and Swartz et al disclose the system of claim 31, wherein they fail to further disclose the at least one wireless telephone further comprises a central processing unit for controlling the telephone and for comparing the size of the data to be received into the wireless telephone with memory capacity of the second telephone to determine if data can be stored on the telephone or must be outputted to an apparatus.

Regarding claim 34, the cited prior art fail to disclose the system of claim 33, wherein the central processing unit further compares the size of the data to be received with memory capacity of the wireless telephone to determine if data can be stored on the telephone or must be outputted to the apparatus.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lana Le whose telephone number is (703) 308-5836. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (703) 305-4385. The fax phone numbers

Art Unit: 2685

for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9315 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.



Lana Le

February 8, 2004



EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600